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Kewaunee / Point Beach Nuclear
Operated by Nuclear Management Company, LLC

NRC-02-005

January 9, 2002

10 CFR 50, App. E

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

DOCKET 50-305
OPERATING LICENSE DPR-43
KEWAUNEE NUCLEAR POWER PLANT
RADIOLOGICAL EMERGENCY RESPONSE PLAN IMPLEMENTING PROCEDURES

Pursuant to 10 CFR 50 Appendix E, attached is the latest revisions to the Kewaunee Nuclear Power Plant Radiological Emergency Response Plan Implementing Procedures (EPIPs). These revised procedures supersede the previously submitted procedures.

Pursuant to 10 CFR 50.4, two additional copies of this letter and attachment are hereby submitted to the Regional Administrator, U. S. Nuclear Regulatory Commission, Region III, Lisle, Illinois. As required, one copy of this letter and attachment is also submitted to the Kewaunee Nuclear Power Plant NRC Senior Resident Inspector.

Sincerely,

Thomas J. Webb
Site Licensing Director

SLC

Attachment

cc - US NRC Senior Resident Inspector, w/attach.
US NRC, Region III (2 copies), w/attach.
Electric Division, PSCW, w/o attach.
QA Vault, w/attach.

A045

KEWAUNEE NUCLEAR POWER PLANT

January 8, 2002

EMERGENCY PLAN IMPLEMENTING PROCEDURES TRANSMITTAL FORM

RETURN TO DIANE FENCL - KNPP

OUTSIDE AGENCY COPIES (1-20)

T. Webb - NRC Document Control Desk (1)*
T. Webb - NRC Region III (2 & 3)*
T. Webb - NRC Resident Inspector (4) (receives Appx. A phone numbers)*
T. Webb - State of Wisconsin (5)*
T. Webb - KNPP QA Vault w/NRC Letter (15)*

Krista Kappelman - PBNP - EP (10)*
Craig Weiss - Wisconsin Power & Light (11)*
Jim Holthaus - Nuclear Management Company (12)*

PERSONAL COPIES (21-40) These copies are for the personal use of the listed individuals for reference or emergency response.

J. Bennett (33) D. Mielke (35) H. Kocourek (13) T. Coutu (28)
D. Masarik (32) D. Seebart (24) B. Bartelme (34)

REFERENCE COPIES - CUSTODIAN (41-100) These copies are for general reference by anyone. They are distributed throughout the plant and corporate offices. The named individual is the responsible custodian for the procedures and shall insure they are properly maintained.

STF (86, 87, 88)
L. Welch - Fuel Services (65)
NO Library - KNPP (59)
C. Sternitzky - ATF-2 (44)
D. Braun - ATF-3 (45)
P. Ehlen - I&C Office (42)
M. Daron - Security Building (46)
P&FS Adm - GB D2-3 (EOF) (81)
H. Kocourek - OSF (52)
C. Hutter - ATF-1 (64)

LOREB - STF (62, 66, 67, 68, 70, 72, 73, 74)
STF Library (43)
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D. Schrank - Maintenance Off. (41)
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W. Galarneau - RAF (53)
W. Galarneau - SBF/EMT (54)
W. Galarneau - RPO (55)

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W. Galarneau - RAF/RPO (106, 107)
W. Galarneau - SBF/ENV (108, 109)
W. Galarneau - SBF/EM Team (110, 111, 111A)
W. Galarneau - Aurora Medical Center (118, 119)
W. Flint - Cold Chem/HR Sample Room (113)
N. Deda - SBF/SEC (114)

D. Krall - CR/Communicator (116)(Partial Distribution)
Simulator/Communicator (117)
M. Fencl - Security (121)
N. Deda - Security Building (120)
S. VanderBloomen (125)
J. Stoeger (126)

Originals to KNPP QA Vault

Please follow the directions when updating your EPIP Manual. **WATCH FOR DELETIONS!!!** These are controlled procedures and random checks may be made to ensure the manuals are kept up-to-date.

***THIS IS NOT A CONTROLLED COPY. IT IS A COPY FOR INFORMATION ONLY.**

**KEWAUNEE NUCLEAR POWER PLANT
 REVISION OF EMERGENCY PLAN IMPLEMENTING PROCEDURES
 January 8, 2002**

Please follow the directions listed below. If you have any questions regarding changes made to the EIPs, please contact Dave Seebart at ext. 8719. If you are a controlled copy holder (see cover page), return this page to Diane Fencl by February 8, 2002, SIGNED AND DATED to serve as a record of revision.

EPIP Index, dated 01-08-2002.

REMOVE		INSERT	
PROCEDURE	REV.	PROCEDURE	REV.
EPIP-AD-01	I	EPIP-AD-01	J
EPIP-APPX-A-02	BM	EPIP-APPX-A-02	BN
Form EPIPF-TSC-03-04	H	Form EPIPF-TSC-03-04	I

I CERTIFY Copy No. _____ (WPSC No.) of the Kewaunee Nuclear Power Plant's EIPs has been updated.

SIGNATURE _____ DATE _____

Please return this sheet to **DIANE FENCL**.


 Diane Fencl

Enclosure

EMERGENCY PLAN IMPLEMENTING PROCEDURES

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EP-AD			
EPIP-AD-01	Personnel Response to the Plant Emergency Siren	J	01-08-2002
EPIP-AD-02	Emergency Class Determination	AC	11-15-2001
EPIP-AD-03	KNPP Response to an Unusual Event	AD	12-14-2001
EPIP-AD-04	KNPP Response to Alert or Higher	AF	12-14-2001
EP-AD-5	Site Emergency	Deleted	04-27-87
EPIP-AD-05	Emergency Response Organization Shift Relief Guideline	C	06-05-2001
EP-AD-6	General Emergency	Deleted	04-24-87
EPIP-AD-07	Initial Emergency Notifications	AN	11-15-2001
EP-AD-8	Notification of Alert or Higher	Deleted	02-26-96
EP-AD-9	Notification of Site Emergency	Deleted	04-27-87
EP-AD-10	Notification of General Emergency	Deleted	04-27-87
EPIP-AD-11	Emergency Radiation Controls	Q	09-27-2001
EP-AD-12	Personnel Assembly and Accountability	Deleted	03-26-94
EP-AD-13	Personnel Evacuation	Deleted	04-25-94
EP-AD-13A	Limited Area Evacuation	Deleted	03-01-83
EP-AD-13B	Emergency Assembly/Evacuation	Deleted	03-01-83
EP-AD-13C	Site Evacuation	Deleted	03-01-83
EP-AD-14	Search and Rescue	Deleted	05-25-94
EPIP-AD-15	Recovery Planning and Termination	O	10-30-2001
EP-AD-16	Occupational Injuries or Vehicle Accidents During Emergencies	Deleted	03-14-97
EP-AD-17	Communications	Deleted	03-05-84
EPIP-AD-18	Potassium Iodide Distribution	O	06-05-2001
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EP-ENV-3A	Environmental Protection Director Actions and Directives	Deleted	09-26-84
EP-ENV-3B	EM Team Actions	Deleted	09-26-84
EPIP-ENV-03C	Dose Projection Using RASCAL Version 2.2 Software	V	10-09-2001
EP-ENV-3D	Revision and Control of ISODOSE II	Deleted	02-14-95
EP-ENV-3E	Manual Determination of X/Q	Deleted	04-24-87
EP-ENV-3F	Manual Determination of X/Q (Green Bay Meteorological Data)	Deleted	05-30-86
EP-ENV-3G	Manual Dose Projection Calculation	Deleted	06-02-89
EP-ENV-3H	Protective Action Recommendations	Deleted	04-13-90
EPIP-ENV-04A	Portable Survey Instrument Use	S	06-15-2000
EPIP-ENV-04B	Air Sampling and Analysis	W	10-09-2001
EP-ENV-4C	Environmental Monitoring Teams	Deleted	04-13-90
EPIP-ENV-04C	Ground Deposition Sampling and Analysis	W	10-09-2001
EPIP-ENV-04D	Plume Tracking for Environmental Monitoring Teams	N	10-02-2001
EP-ENV-5A	LCS-1 Operation	Deleted	04-14-86
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EP-ENV-5C	SAM II Operation	Deleted	04-14-86
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EP-ENV-6	Alternate Sample Analysis and Relocation of EM Team ..	Deleted	04-14-86
EP-ENV-6A	Relocation of Site Access Facility (Habitability)	Deleted	03-23-84
EP-ENV-6B	SAF Environmental Sample Analysis Relocation	Deleted	03-23-84
EP-ENV-7	Site Access Facility Communications	Deleted	09-26-84
EP-ENV-8	Total Population Dose Estimate Calculations	Deleted	04-14-86
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EPIP-EOF-03	EOF Staff Action for Unusual Event	AB	12-14-2001
EPIP-EOF-04	EOF Staff Action for Alert or Higher	AH	12-14-2001
EP-EOF-5	Corporate Staff Action for Site Emergency	Deleted	04-24-87
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EPIP-EOF-11	Internal Communication and Documentation Flow	U	11-15-2001
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EP-OP-2	Emergency Control Room Activation for Emergency Response	Deleted	04-24-87
EP-OP-3	Control Room Communications	Deleted	04-24-87
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EPIP-OSF-03	Work Requests During an Emergency	O	09-27-2001
EP-OSF-4	Operational Support Facility Communications	Deleted	04-24-87
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EP-RET-2C	Containment Air Sampling and Analysis	Deleted	03-01-83
EPIP-RET-02D	Emergency Radiation Entry Controls and Implementation	M	06-12-2001
EP-RET-2E	Handling of Injured Personnel	Deleted	04-16-96
EP-RET-2F	Personnel Decontamination	Deleted	04-13-90
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EPIP-RET-03A	Liquid Effluent Release Paths	L	11-29-2001
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EPIP-RET-04A	SBF Operation/Relocation	Deleted	10-02-2001
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EPIP-RET-09	Post-Accident Population Dose	K	08-29-2000
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EPIP-SEC-02	Security Force Response to Emergencies	W	08-28-2001
EP-SEC-2A	Manual Activation of Emergency Sirens	Deleted	04-16-82
EPIP-SEC-03	Personnel Assembly and Accountability	AC	12-14-2001
EPIP-SEC-04	Security Force Actions for Dosimetry Issue	P	10-02-2001

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EPIP-TSC-04	Emergency Physical Changes, Major Equipment Repair	M	10-02-2001
EP-TSC-5	Technical Support Center Communications Equipment	Deleted	04-24-87
EP-TSC-6	Assessment of Reactor Core Damage	Deleted	09-30-86
EPIP-TSC-07	RV Head Venting Time Calculation	I	10-19-2001
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EPIP-TSC-08B*	STMRLS Computer Program	F	10-02-2001
EP-TSC-8C*	See EP-TSC-8B	Deleted	04-16-92
* EP-TSC-8B was totally deleted; therefore, EP-TSC-8C was changed to EP-TSC-8B			
EP-TSC-9	Core Damage Assessment Using Released Radionuclides	Deleted	09-30-86
EP-TSC-9A*	Core Damage Assessment	I	02-23-99
EPIP-TSC-09B*	CORE Computer Program	J	10-02-2001
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* EP-TSC-9A, Rev. D was totally deleted; therefore, EP-TSC-9B became EP-TSC-9A. EP-TSC-9B was previously EP-TSC-9C.			
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EPIP-AD-19	EP-FIG-014	AD-19-01	Population Distribution by Geographical Sub-Areas (with sectors)	A	10-31-2000
EPIP-APPX-A-06	EP-FIG-022	APPX-A-06-04	EOF - WPSC D2-3 Floor Plan	C	10-30-2001
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EPIP-APPX-A-03	Off-Site Telephone Numbers	BO	12-04-2001
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AD 11.1	Emergency Radiation Work Permit	F	04-16-96
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RET 2B.4	Containment Stack (Sping Reading)	B	04-16-96
RET 2B.5	Steam Release	C	04-16-96
RET 2B.6	Field Reading (Grab Sample)	A	04-16-96
RET-04-01	SAM-2 Counting Equipment Worksheet	E	06-12-2001
RET 8.3	Hospital Survey 1	Deleted	06-05-2001
RET 8.4	Hospital Survey 2	Deleted	07-25-97
RET 8.5	Hospital Survey 3	Deleted	07-25-97
RET-08-06	Hospital Survey 4	F	06-15-2000
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TSC-03-02	Plant Equipment Status	L	06-12-2001
TSC-03-03	Environmental Status Board	J	06-12-2001
TSC-03-04	Radiation Monitors	I	01-08-2002
TSC-04-01	Emergency Physical Change Request	F	08-29-2000
TSC-04-02	Emergency Physical Change Safety Review	F	08-29-2000
TSC-04-03	Emergency Physical Change Index	F	08-29-2000
TSC-07-01	Head Venting Calculation	F	10-31-2000
TSC-08A-01	Steam Release Data Sheet (Energy Balance)	H	12-14-2001
TSC-08A-02	Steam Release Calculation Sheet (Energy Balance)	G	12-14-2001
TSC-08A-03	Steam Release Data/Calculation Sheet (Open Valve)	E	12-14-2001
TSC-08A-04	Steam Release Data/Calculation Sheet (STMRLS Program)	D	12-14-2001
TSC 9A.1	Core Damage Based on Reactor Vessel Level & Fuel Rod Temp.	C	02-14-95
TSC 9A.2	Core Damage Based on Radiation Monitors	C	02-14-95
TSC 9A.3	Cs-134 and Cs-137 PCF Determination	D	04-16-96
TSC 9A.4	Core Damage Based on Activity Ratios	C	02-14-95
TSC 9A.5	Core Damage Assessment (Monitoring Data)	D	04-16-96
TSC 9A.6	Core Damage Summary	C	02-14-95

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>		No.	EPIP-AD-01	Rev.	J		
		Title	Personnel Response to the Plant Emergency Siren				
		Date	JAN 08 2002	Page 1 of 3			
Reviewed By		<i>Jeanne M. Ferris</i>		Approved By		<i>David R. Seabart</i>	
Nuclear Safety Related	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PORC Review Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SRO Approval Of Temporary Changes Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

1.0 Purpose

- 1.1 This procedure provides instruction for defining the initial actions to be taken in the event the plant emergency siren is sounded as a result of a declared Emergency (not a plant fire - SEE General Note 2.2).

2.0 General Notes

- 2.1 The applicable content of this procedure shall be general knowledge for all personnel badged for unescorted access to KNPP and qualified Emergency Response Organization (ERO) -- responders.
- 2.2 When the plant emergency siren sounds, it may be an ERO activation OR a plant fire event, listen to the accompanying plant page announcement and respond as directed.

3.0 Precautions and Limitations

- 3.1 IF approached by the media, THEN refer them to the telephone response center at 433-1400 or 1-(800)-838-6192 and tell them that this is their most accurate source for information.
- 3.2 ONLY the scheduled Control Room staff, individuals specifically called to the Control Room (CR) by the ED or EOD, and the following individuals may report directly to the Control Room:
- Emergency Director (ED)
 - Event Operations Director (EOD)
 - CR Communicator (CRCM)
 - Notifier (SEC-N)
 - NRC Communicator (NRCCM)
 - Control Room Support (SP-C)
 - NRC Resident Inspector
 - CAS Operator
 - Shift Technical Advisor (STA)

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3.3 IF no Accountability Coordinator (AC) is available in the Assembly Area, THEN one of the first ERO members to arrive should implement Section 5.3 of EPIP-SEC-03, "Personnel Assembly and Accountability," until relieved by a designated Accountability Coordinator.

4.0 Initial Conditions

4.1 This procedure shall be implemented upon the sounding of the plant emergency siren accompanied by a plant page announcement of declaration of an **Alert, Site Emergency, General Emergency**, or when directed by the Shift Manager (SM) or Emergency Director.

5.0 Procedure

5.1 When personnel within the Site Boundary hear the emergency siren and the page announcement of a declared Emergency, they shall respond as follows:

5.1.1 Emergency Response Organization (ERO) staff shall report to their duty locations.

- a. ERO personnel inside the Radiologically Controlled Area (RCA) should pass through the RCA access point near the Radiation Protection Office (RPO) on their way to their emergency duty location.
- b. ERO personnel who need to pass through the Security Building en-route to their emergency duty location should do so promptly unless instructed to assemble elsewhere by Security.
- c. The following are exceptions for ERO members reporting to identified duty locations:
 - Fire Brigade/Fire Team report to the Shift Manager (SM) or Event Operations Director (EOD)
 - On-Shift NAOs report to the SM or EOD
 - Security Force personnel report to the Shift Captain
 - Dispatched emergency teams such as search and rescue or repair teams report to the SM or Support Activities Director (SAD)

5.1.2 Visitors, contractors, and non-ERO personnel on-site should assemble in the nearest designated Assembly Area.

- a. IF inside the Protected Area (PA), THEN report to one of the following areas:
 - Radiation Protection Office (RPO)
 - Administrative Training Facility (ATF) Lunchroom
 - Warehouse Annex Lunchroom
- b. IF outside the PA, THEN report to one of the following areas:
 - Security Building Classroom C
 - Simulator Training Facility (STF) Lobby

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5.2 Upon hearing the siren and page announcement of a declared Emergency, report personal observations as follows:

5.2.1 Immediately report any injury or accident to the Radiological Protection Director (RPD) or HP Technician on duty (if there is no RPD) and obtain first aid treatment as directed.

5.2.2 The First Aid Attendant should report the injury and injured person(s) status to the RPD or Shift Manager (if there is no RPD) (i.e., treatment, departure from site, destination, prognosis, and return to site).

5.2.3 Problems needing corrective maintenance action should be immediately reported to a Supervisor.

5.3 When an evacuation is implemented, follow the instructions provided by Security and:

a. Exit the plant in an orderly fashion by the directed route.

b. IF reporting to a designated county relocation area, THEN proceed directly there, following all directions that may be provided for exiting the Emergency Planning Zone (EPZ) by county emergency government officials.

6.0 Final Conditions

6.1 Plant Emergency has been Terminated or Recovery actions have begun and the Emergency Response Manager has suspended the use of EIPs or it has been determined that accountability is no longer required.

7.0 References

7.1 EPIP-SEC-03, Personnel Assembly and Accountability

7.2 E-FP-08, Emergency Operating Procedure - Fire

8.0 Records

8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

None

8.1.2 Non-QA Records

None

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Reviewed By <i>Jeanne M. Ferris</i>	Approved By <i>David R. Laabart</i>		
Nuclear Safety Related	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PORC Review Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		SRO Approval Of Temporary Changes Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

1.0 Purpose

- 1.1 This appendix provides a consolidated list of all Emergency Response Organization (ERO) members sorted three ways:
- By facility, then ERO position
 - Accountability Coordinators by Facility
 - All members alphabetically by last name
- 1.2 SAMG Team, EPIP Table Appx-A-2.4, which is updated annually.

2.0 General Notes

- 2.1 This appendix may be used as a reference document for any declared emergency as defined in EPIP-AD-02, "Emergency Class Determination."

3.0 Precautions and Limitations

- 3.1 Changes made to the ERO between quarterly updates are managed in the Kewaunee Nuclear Power Plant (KNPP) ERO Tracker Database.
- 3.2 The appendices to this procedure are reviewed and updated quarterly. This review and update is required to fulfill the requirements of the Emergency Plan Section 8.3.1.

4.0 Initial Conditions

- 4.1 This appendix is used for reference during an emergency at KNPP.

5.0 Procedure

- 5.1 This appendix will be updated quarterly.

6.0 Final Conditions

- 6.1 Plant Emergency has been Terminated or Recovery actions have begun and the Emergency Response Manager has suspended the use of EPIPs.

WISCONSIN PUBLIC SERVICE CORP. Kewaunee Nuclear Power Plant <i>Emergency Plan Implementing Procedure</i>	No.	EPIP-APPX-A-02	Rev.	BN
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7.0 References

7.1 Attachments

- EPIP Table Appx-A-2.1, Appx-A-2 (a through n) - Response Personnel Call List (Facility)
- EPIP Table Appx-A-2.2, Appx-A-2 - Response Personnel Call List (Accountability Coordinators) (Pages 1 through 2)
- EPIP Table Appx-A-2.3, Appx-A-2 - ERO Qualified Personnel Assignments (Response Personnel Sorted By Name) (Pages 1 through 16)
- EPIP Table Appx-A-2.4, Appx-A-2 - SAMG Team (Pages 1 through 4)

7.2 EPMP-05.03, Telephone Number Quarterly Review

7.3 EPIP-AD-02, Emergency Class Determination

8.0 Records

8.1 The following QA records and non-QA records are identified in this directive/procedure and are listed on the KNPP Records Retention Schedule. These records shall be maintained according to the KNPP Records Management Program.

8.1.1 QA Records

None

8.1.2 Non-QA Records

None

ERO CALL TREE

Note

IF the call tree is being implemented in response to a security threat (EPIP-AD-20), THEN only contact the underlined positions and instruct them to report to the EOF, EXCEPT the Emergency Director (ED) who should report to the Control Room.

Note

When each individual is called, the following questions will be asked:

1. *Are you fit for duty? (IF the answer is NO, THEN that individual will not be counted as a responder.)*
2. *What is your response time? (The answer will determine their ability to fill the time requirements in the table below.)*

Telephone numbers for individual ERO members are listed by position in EPIP-APPX-A-02.

Call individuals in each ERO position until the requirement for the Table B-1 function is filled, then go on to the next function.

Table B-1 Function	ERO Position	< 31	< 61	Total
ERO CALL TREE PART "A"				
A-1. <u>Core Assessment</u>	- <u>SRCL</u> - SAMCH	1	--	1
A-2. Instrument and Control	- I&C	1		1
A-3. <u>Dose Calculator</u>	- DPC - <u>EPD</u>	1		1
A-4. Chemistry	- CET	1		1
A-5. Electrician	- ELECT	1	1	2
A-7. <u>Communicators</u>	- CRCm - EOFCm - <u>OFFCm</u> - NRCCm	1	2	3
A-8. <u>Emergency Response Manager</u>	- <u>ERM</u>		1	1
A-9. <u>Emergency Director</u>	- <u>ED</u>		1	1
A-10. Mechanic	- MECH		1	1
ERO CALL TREE PART "B"				
B-1. Off-Site and On-Site Surveys	- EMT	3	3	6
B-2. Radiation Protection and In-Plant Surveys	- IRET - RPD	3	3	6
B-3. Rad Waste Operator	- NAO		1	1
B-4. <u>Engineering</u>	- ENGCD - <u>ENGLI</u> - TB - TSCD		2	2
B-5. <u>Public Information (not Table B-1)</u>	- <u>NPID</u>		1	1

RESPONSE PERSONNEL CALL LIST AND SAMG TEAM EPIP-APPX-A-02

The data contained on the attached tables have been intentionally omitted from external copies of this document.

This data is withheld to ensure the privacy of the employees of Nuclear Management Company, LLC, Wisconsin Public Service Corporation, and off-site support groups which have supplied personal information for internal use by Nuclear Management Company. It has also been done to ensure the security of the Kewaunee Nuclear Power Plant Emergency Communications Systems.

All company-held copies of this appendix do contain the telephone numbers and other communication data needed to ensure a prompt response of on-site and off-site support groups over the established communication systems.

RADIATION MONITORS

TIME/DATE _____

CONTAINMENT

(OFF SCALE)
HIGH

R-2	Containment Area	_____	mr/hr	(10 ⁵)
R-40	Containment High Range	_____	R/hr	(10 ⁸)
R-41	Containment High Range	_____	R/hr	(10 ⁸)
R-11	Cont Air Particulate	_____	cpm	(10 ⁷)
R-12	Cont Gas	_____	cpm	(10 ⁷)
R-37	Containment Vent Low	_____	mr/hr	(10 ⁴)
R-38	Containment Vent High	_____	R/hr	(10 ⁴)
SPING	Containment Vent Noble Medium (02-07)	_____	cpm	(10 ⁶)
SPING	Containment Vent Noble High (02-09)	_____	cpm	(10 ⁶)

AUXILIARY BUILDING

R-4	Charging Pump Room Area (Control Room)	_____	mr/hr	(10 ⁵)
R-5	Fuel Handling Area	_____	mr/hr	(10 ⁵)
R-9	Letdown Line Area	_____	mr/hr	(10 ⁵)
R-13	Aux Bldg Vent (Control Room)	_____	cpm	(10 ⁷)
R-14	Aux Bldg Vent	_____	cpm	(10 ⁷)
R-35	Aux Bldg Vent Low	_____	mr/hr	(10 ⁴)
R-36	Aux Bldg Vent High	_____	R/hr	(10 ⁴)
SPING	Aux Bldg Stack Noble Medium (01-07)	_____	cpm	(10 ⁶)
SPING	Aux Bldg Stack Noble High (01-09)	_____	cpm	(10 ⁶)

STEAM GENERATORS

R-15	Condenser Air Ejector Gas	_____	cpm	(10 ⁷)
R-19	S/G Blowdown	_____	cpm	(10 ⁷)
R-31	A Stm Line Monitor 1A Low	_____	mr/hr	(10 ⁴)
R-32	A Stm Line Monitor 1A High	_____	R/hr	(10 ⁴)
R-33	B Stm Line Monitor 1B Low	_____	mr/hr	(10 ⁴)
R-34	B Stm Line Monitor 1B High	_____	R/hr	(10 ⁴)